

Amendments to the Claims

1. (Currently amended) A computer readable medium having stored therein an object-oriented application program interface including a plurality of object-oriented object classes executable by a processor to allow input and output data to be communicated between applications, the computer readable medium comprising:

a first object-oriented object class for accepting input data into a MIDlet within a MIDlet Suite, wherein the first object-oriented class accepts the input data from an application management system on a mobile information device, wherein the first object-oriented class accepts the input data when the MIDlet is invoked on the mobile information device, and wherein the input data is generated by a non-MIDlet application on the mobile information device, and wherein the input data includes a Uniform Resource Indicator (URI) scheme selected from the group consisting of (i) tel:, and (ii) im:; and

a second object-oriented object class for setting output data from the [[a]]MIDlet within the [[a]]MIDlet Suite when the MIDlet is terminated on the [[a]]mobile information device, wherein the output data is available to the [[an]]application management system on the mobile information device and can be used by another MIDlet within another MIDlet suite and by a non-MIDlet application. applications.

2. (Previously presented) The computer readable medium of claim 1, wherein the first object-oriented object class is a Muglet object class.

3. (Previously presented) The computer readable medium of claim 2, wherein the Muglet object class includes at least one of a getMediaType(), getContentType(), getMuglet(), getReferringURI() and getURI() object-oriented methods.

4. (Previously presented) The computer readable medium of claim 1, wherein the second object-oriented object class is a System object class.

5. (Previously presented) The computer readable medium of claim 4, wherein the System object class includes a setExitURI() object-oriented method.

6. (Cancelled)

7. (Original) The computer readable medium of Claim 1 wherein the output data set by the second object-oriented object class allows execution control to be returned to a previous context being used before the MIDlet was invoked.

8-11. (Cancelled)

12. (Original) The computer readable medium of Claim 1 wherein the mobile information device includes a mobile phone, personal digital assistant, or two-way pager.

13. (Currently amended) At a mobile information device comprising an application management system, a MIDlet, and a non-MIDlet application, a [[A]]method for making output

data of the MIDlet available to the non-MIDlet application, exchanging output data between applications on a mobile information device, the method comprising:

executing the [[a]]MIDlet on the [[a]]mobile information device, wherein the MIDlet has an object-oriented method in an object-oriented object class available for setting output data from the MIDlet; [and]

before the MIDlet is terminated on the mobile information device, using the object-oriented method in the object-oriented class to set the output data from the MIDlet,

passing the output data from the MIDlet to the application management system, wherein the output data from the MIDlet includes an identifier of the MIDlet; and

the application management system making the output data passed from the MIDlet available to the non-MIDlet application.

wherein the output data is available to an application management system on the mobile information device and to a non-MIDlet application on the mobile information device.

14. (Cancelled)

15. (Original) The method of Claim 13 wherein the object-oriented method includes a setExitURI() object-oriented method from a System object-oriented class available to MIDlets.

16. (Original) The method of Claim 13 wherein the mobile information device is a mobile phone, a personal digital assistant or a two-way pager.

17. (Previously presented) The method of claim 13, wherein the output data includes a Uniform Resource Indicator (URI) scheme or an Internet media type.

18. (Original) The method Claim 13 wherein the output data allows execution control to be returned to a previous context being used before the MIDlet was invoked.

19. (Currently amended) A method for exchanging input data between applications on a mobile information device, the method comprising:

invoking a MIDlet from an application management system on a mobile information device;

wherein the MIDlet has a plurality of object-oriented methods in an object-oriented object class available for using input data created by a MIDlet or a non-MIDlet application, and
the MIDlet using one or more object-oriented methods in the object-oriented class to accept from the application management system the input data created by the MIDlet or the non-MIDlet application,

wherein the input data includes a Uniform Resource Indicator (URI) scheme selected from the group consisting of (i) tel:, and (ii) im:

20-21. (Cancelled)

22. (Original) The method of Claim 19 wherein the object-oriented object class includes a Muglet object-oriented class available to MIDlets with at least one of a

getMediaType(), getContentType(), getMuglet(), getReferringURI() and getURI() object-oriented methods.

23-24. (Cancelled)

25. (Currently amended) A method for invoking an application as an application handler on a mobile information device, the method comprising:

invoking a MIDlet from an application management system on the mobile information device as a Muglet that acts as a MIDlet handler; wherein the Muglet includes a plurality of object-oriented methods in an object-oriented object class available for using input data created by another MIDlet or a non-MIDlet application, wherein the input data include a Uniform Resource Indicator (URI) scheme selected from the group consisting of (i) tel:, and (ii) im:;

the MIDlet calling an object-oriented method in the object-oriented object class from the MIDlet handler to determine what type of input data will be processed by the MIDlet; handler, wherein the object-oriented method returns a return value; and

the MIDlet processing the input data based on the return value by calling one or more other object-oriented methods in the object-oriented object class.

26. (Original) The method of claim 25, further comprising invoking another MIDlet from the MIDlet handler using the processed input data.

27-28. (Cancelled)

29. (Original) The method of Claim 25 wherein the calling step includes calling getMediaType() object-oriented method from a Muglet object-oriented object class available to MIDlets.

30. (Original) The method of Claim 25 wherein the processing step includes calling getMuglet(), getURI() or getReferringURI() object-oriented methods from a Muglet object-oriented object class available to MIDlets.

31. (Original) The method of Claim 25 wherein the MIDlet handler is a URI scheme or Internet media type handler.

32. (Currently amended) A computer readable medium having stored therein an object-oriented application program interface including a plurality of object-oriented object classes executable by a processor to allow input and output data to be communicated between applications on a mobile information device, the computer readable medium comprising:

a Muglet object-oriented object class for accepting input data into a MIDlet within a MIDlet Suite, wherein the Muglet object-oriented object accepts the input data from an application management system on a mobile information device, and wherein the input data includes a Uniform Resource Indicator (URI) scheme selected from the group consisting of (i) tel:, and (ii) im:; and wherein the Muglet object-oriented object class accepts the input data when the MIDlet is invoked on the mobile information device, and wherein the input data is generated by another MIDlet in another MIDlet Suite; and

a System object-oriented object class for setting output data from the MIDlet within the MIDlet Suite when the MIDlet is terminated on the mobile information device, wherein the output data is available to the application management system on the mobile information device and to a non-MIDlet application.

33. (Cancelled)

34. (Previously presented) The method of claim 13, wherein the MIDlet is packaged within a MIDlet suite.

35. (New) The computer readable medium of claim 1, wherein a scheme handling associated with the URI scheme tel: includes placing a phone call to an indicated phone number, and wherein a scheme handling associated with the URI scheme im: includes invoking an instant messaging application.

36. (New) The computer readable medium of claim 1, wherein the first object-oriented class accepts the input data when the MIDlet is invoked on the mobile information device.

37. (New) The computer readable medium of claim 1, wherein the input data is generated by a MIDlet in another MIDlet suite or a non-MIDlet application on the mobile information device.

38. (New) The method of claim 19,

wherein a scheme handling associated with the URI scheme tel: includes placing a phone call to an indicated phone number, and

wherein a scheme handling associated with the URI scheme im: includes invoking an instant messaging application.

39. (New) The method of claim 25,

wherein a scheme handling associated with the URI scheme tel: includes placing a phone call to an indicated phone number, and

wherein a scheme handling associated with the URI scheme im: includes invoking an instant messaging application.

40. (New) The computer readable medium of claim 32,

wherein a scheme handling associated with the URI scheme tel: includes placing a phone call to an indicated phone number, and

wherein a scheme handling associated with the URI scheme im: includes invoking an instant messaging application.

41. (New) The computer readable medium of claim 32,

wherein the Muglet object-oriented class accepts the input data when the MIDlet is invoked on the mobile information device.

42. (New) The computer readable medium of claim 32,
wherein the input data is generated by a MIDlet in another MIDlet suite or a non-MIDlet
application on the mobile information device.

43. (New) The computer readable medium of claim 32,
wherein the output data is available to another MIDlet in another MIDlet suite.